BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN CHANDRAPPA BADAVANE AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

First and Final

Item No: 1

Item Name: KSRB 2-1.2 : Earthwork in surface excavation in Hard soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. specification. No. KBS 2.1(a) / 2.3.1. (P.No. 5/I.No. 2.2 of CSR 2015-16)

SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	K.Anjanappa 1st main-Sharadamba Temple road till Muthyalamma temle Jn									
	0.00	30.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	30.00	60.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	60.00	90.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	90.00	120.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	120.00	150.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	150.00	180.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	180.00	210.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	210.00	240.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	240.00	270.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	270.00	300.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	300.00	330.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	330.00	360.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	360.00	390.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	390.00	420.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	420.00	450.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	450.00	480.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	480.00	510.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	510.00	540.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	540.00	570.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	570.00	600.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	2nd Main- Raghavendra Sannidhi									
	0.00	30.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	30.00	60.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	60.00	90.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	90.00	120.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	120.00	150.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	150.00	180.00	2	30.00	0.85	0.85	0.85	0.650	33.15	
	180.00	200.00	2	20.00	0.85	0.85	0.85	0.650	22.10	
	3rd Main- Raghavendra Sannidhi									

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SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	90.00	120.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	120.00	150.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	150.00	180.00	1	30.00	0.85	0.85	0.85	0.650	16.58	
	180.00	193.00	1	13.00	0.85	0.85	0.85	0.650	7.18	
								Total Qty Work Done	2048.12	Cum
								Qty Payable in this bill	1853.50	Cum

CIVIL QUALITY CONSULTANTS & ENGINEERS

Contractor Representative

Consultant Representative

28/2/18

Asst Engineer
Ward no.16,BBMP

6/3/18

Asst.Executive Engineer
Yashwanthapura Sub Division,BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN CHANDRAPPA BADAVANE AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

Item No: 2 — First and Final

Item Name: KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5. (P.No. 5/I.No. 2.4 of CSR 2015-16)

SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	K.Anjanappa 1st main-Sharadamba Temple road till Muthyalamma temle Jn									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	90.00	120.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	120.00	150.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	150.00	180.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	180.00	210.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	210.00	240.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	240.00	270.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	270.00	300.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	300.00	330.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	330.00	360.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	360.00	390.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	390.00	420.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	420.00	450.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	450.00	480.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	480.00	510.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	510.00	540.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	540.00	570.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	570.00	600.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	2nd Main- Raghavendra Sannidhi									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	90.00	120.00	2	30.00	0.30	0.30	0.30	0.600	10.80	
	120.00	150.00	2	30.00	0.30	0.30	0.30	0.600	10.80	

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SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Opp-B/w 4th & 5th cross								
		52	1.50	0.30	0.30	0.30	0.600	14.04	
						Total Qty Work Done		793.62	Cum
						Qty Payable in this bill		792.37	Cum

Contractor Representative

Consultant Representative

Asst Engineer 28/2/18
Ward no.16,BBMP

Asst Executive Engineer 6/3/18
Yashwanthapura Sub Division,BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN CHANDRAPPA BADAVANE AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

Item No:	3	First and Final
Item Name:	Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Cement concrete road.	

SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	3rd cross									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	108.00	2	18.00	0.30	0.30	0.30	0.150	1.62	
	4th cross									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	118.00	2	28.00	0.30	0.30	0.30	0.150	2.52	
	5th Cross									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	116.00	2	26.00	0.30	0.30	0.30	0.150	2.34	
	Opp-B/w 4th & 5th cross									
	0.00	30.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	30.00	60.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	60.00	90.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	90.00	120.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	120.00	150.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	150.00	180.00	1	30.00	0.30	0.30	0.30	0.150	1.35	
	180.00	193.00	1	13.00	0.30	0.30	0.30	0.150	0.59	
	9th main sub Road									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN CHANDRAPPA BADAVANE AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

Item No: 4 — First and Final

Item Name: Cutting of road surface for pipeline trenches and disposing of the excavated stuff as directed including barricading, danger lighting etc., in the Asphalt surface road. (P.No.257/I.No. 37.38 of CSR 2015-16)

SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	K.Anjanappa 1st main-Sharadamba Temple road till Muthyalamma temle Jn									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	120.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	120.00	150.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	150.00	180.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	180.00	210.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	210.00	240.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	240.00	270.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	270.00	300.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	300.00	330.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	330.00	360.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	360.00	390.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	390.00	420.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	420.00	450.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	450.00	480.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	480.00	510.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	510.00	540.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	540.00	570.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	570.00	600.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	2nd Main- Raghavendra Sannidhi									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	90.00	120.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	120.00	150.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	150.00	180.00	2	30.00	0.30	0.30	0.30	0.150	2.70	
	180.00	200.00	2	20.00	0.30	0.30	0.30	0.150	1.80	
	3rd Main- Raghavendra Sannidhi									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.160	2.88	

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SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.160	2.88	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.160	2.88	
	90.00	120.00	2	30.00	0.30	0.30	0.30	0.160	2.88	
	120.00	150.00	2	30.00	0.30	0.30	0.30	0.160	2.88	
	150.00	180.00	2	30.00	0.30	0.30	0.30	0.160	2.88	
	180.00	210.00	2	30.00	0.30	0.30	0.30	0.160	2.88	
	9th main									
	0.00	30.00	2	30.00	0.30	0.30	0.30	0.160	2.88	
	30.00	60.00	2	30.00	0.30	0.30	0.30	0.160	2.88	
	60.00	90.00	2	30.00	0.30	0.30	0.30	0.160	2.88	
	90.00	120.00	2	30.00	0.30	0.30	0.30	0.160	2.88	
	120.00	150.00	2	30.00	0.30	0.30	0.30	0.160	2.88	
	150.00	180.00	2	30.00	0.30	0.30	0.30	0.160	2.88	
	180.00	210.00	2	30.00	0.30	0.30	0.30	0.160	2.88	
	210.00	240.00	2	30.00	0.30	0.30	0.30	0.160	2.88	
	240.00	245.00	2	5.00	0.30	0.30	0.30	0.160	0.48	
								Total Qty Work Done	**115.68**	**Cum**
								Qty Payable in this bill	**115.68**	**Cum**

Contractor Representative

Consultant Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS
Bangalore

Asst Engineer
Ward no.16,BBMP

Asst Executive Engineer
Yashwanthapura Sub Division,BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN CHANDRAPPA BADAVANE AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

Item No:	5	First and Final
Item Name:	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 50mm nominal OD pipes	

SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	K.Anjanappa 1st main-Sharadamba Temple road till Muthyalamma temle Jn									
	0.00	30.00	2	30.00					60.00	
	30.00	60.00	2	30.00					60.00	
	60.00	90.00	2	30.00					60.00	
	90.00	120.00	2	30.00					60.00	
	120.00	150.00	2	30.00					60.00	
	150.00	180.00	2	30.00					60.00	
	180.00	210.00	2	30.00					60.00	
	210.00	240.00	2	30.00					60.00	
	240.00	270.00	2	30.00					60.00	
	270.00	300.00	2	30.00					60.00	
	300.00	330.00	2	30.00					60.00	
	330.00	360.00	2	30.00					60.00	
	360.00	390.00	2	30.00					60.00	
	390.00	420.00	2	30.00					60.00	
	420.00	450.00	2	30.00					60.00	
	450.00	480.00	2	30.00					60.00	
	480.00	510.00	2	30.00					60.00	
	510.00	540.00	2	30.00					60.00	
	540.00	570.00	2	30.00					60.00	
	570.00	600.00	2	30.00					60.00	
	2nd Main- Raghavendra Sannidhi									
	0.00	30.00	2	30.00					60.00	
	30.00	60.00	2	30.00					60.00	
	60.00	90.00	2	30.00					60.00	
	90.00	120.00	2	30.00					60.00	
	120.00	150.00	2	30.00					60.00	

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SLNO	CHAINAGE Land Mark		NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	30.00	60.00	2	30.00					60.00	
	60.00	90.00	2	30.00					60.00	
	90.00	116.00	2	26.00					52.00	
	Opp-Rew 4th & 5th cross									
	0.00	30.00	1	30.00					30.00	
	30.00	60.00	1	30.00					30.00	
	60.00	90.00	1	30.00					30.00	
	90.00	120.00	1	30.00					30.00	
	120.00	150.00	1	30.00					30.00	
	150.00	180.00	1	30.00					30.00	
	180.00	193.00	1	13.00					13.00	
								Total Qty Work Done	3707.00	Mtr
								Qty Payable in this bill	3707.00	Mtr

Contractor Representative

Consultant's Representative

Asst Engineer
Ward no.16,BBMP

Asst Executive Engineer
Yashwanthapura Sub Division, BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN CHANDRAPPA BADAVANE ND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

Item No: 6 — First and Final

Item Name: Providing and fixing gun metal wheel valve conforming to IS specification of approved make as per directions including all lead and lift etc., complete.- for 50mm dia:

SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	K.Anjanappa 1st main-Sharadamba Temple road till Muthyalamma temle Jn								
		6						6.00	
	2nd Main- Raghavendra Sannidhi								
		3						3.00	
	3rd Main- Raghavendra Sannidhi								
		3						3.00	
	9th main								
		5						5.00	
	9th main sub Road								
		3						3.00	
	3rd cross								
		2						2.00	
	4th cross								
		3						3.00	
	5th Cross								
		2						2.00	
	Opp-B/w 4th & 5th cross								
		3						3.00	
							Total Qty Work Done	30.00	Nos
							Qty Payable in this bill	30.00	Nos

Contractor Representative

Assistant Representative

Asst Engineer
Ward no.16.BBMP

Asst Executive Engineer
Yashwanthapura Sub Division.BBMP

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name Of Work: PROVIDING DRINKING WATER FACILITIES IN CHANDRAPPA BADAVANE AND SURROUNDING AREAS IN WARD NO 16 JALAHALLI.

Measurement Sheet

Item No:	11	First and Final
Item Name:	KSRRB M100-4.1. Cost of Haulage Excluding Loading and Unloading MORTH - 100/ Chapter 1 Case-I : Surface Road KSRRB M100-1 Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1	

SLNO	CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Qnty Vide From Item No 1								
								1853.50	
	50 % of Qnty Vide From Item No 2								
								396.19	
							Total Qty Work Done	2249.69	Cum
							Qty Payable in this bill	2249.69	Cum

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Asst Engineer
Ward no.16,BBMP
20/3/18

Asst Executive Engineer
Yashwanthapura Sub Division,BBMP
6/3/18

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